INTERNATIONAL SEARCH REPORT

Int onal Application No Pc 1/ IB2004/051817

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A61B8/14 G10K G10K11/34 G01S15/89 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 G01S G10K A61B Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) **EPO-Internal** C. DOCUMENTS CONSIDERED TO BE RELEVANT Category ° Citation of document, with indication, where appropriate, of the relevant passages Relevant to daim No. X US 6 374 674 B1 (MINE YOSHITAKA) 1-22 23 April 2002 (2002-04-23) columns 5,6,9; claims 1-4,11; figures 1,2 US 6 494 838 B2 (COOLEY CLIFFORD R ET AL) X 1,9,17 17 December 2002 (2002-12-17) cited in the application column 12, line 60 - column 13, line 10; figure 8 US 6 282 963 B1 (HAIDER BRUNO HANS) 11-13, 4 September 2001 (2001-09-04) 16,20 abstract Further documents are listed in the continuation of box C. Patent family members are listed in annex. X Special categories of cited documents: *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance invention *E* earlier document but published on or after the international "X" document of particular relevance; the claimed invention filing date cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the "O" document referring to an oral disclosure, use, exhibition or document is combined with one or more other such docu-ments, such combination being obvious to a person skilled *P* document published prior to the international filing date but later than the priority date claimed in the art. *&* document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 5 January 2005 14/03/2005 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Bernas, Y Fax: (+31-70) 340-3016

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